

REMARKS

Claims 1, 3-13, 15-17, and 19-25 are currently pending, wherein claims 1, 3, 13, and 15-17 have been amended and claims 2, 14, and 18 have been canceled. Applicants respectfully request favorable reconsideration in view of the remarks presented herein below.

On page 2 of the Office Action (“Action”), the Examiner objects to the drawings because figures 8-16 are missing. Applicants submit herewith FIGs. 8-16, thereby addressing the Examiner’s concerns.

On page 3 of the Action, the Examiner states that the Information Disclosure Statement (IDS) filed on October 6, 2003 fails to provide a copy of the foreign patent documents as required by 37 CFR 1.98(a)(2). Applicants note that a copy of each of the references cited in the IDS were submitted at the time of filing as evidenced by the attached copy of the stamped postcard. However, a courtesy copy of the foreign patent documents are being enclosed herewith. Accordingly, Applicants request the Examiner consider the enclosed documents and acknowledge them by initialing the PTO/SB/08 enclosed herewith.

On page 4 of the Action, the Examiner objects to the specification for containing a typographical error. Paragraph 73 has been amended as suggested by the Examiner, thereby addressing the Examiner’s concerns.

Also on page 4 of the Action, the Examiner objects to claims 2, 16, and 17 under 37 CFR 1.75(c) as allegedly being of improper dependent form for failing to further limit the subject matter of a previous claim. Claim 2 has been canceled rendering this object moot with regard thereto. Claims 16 and 17 have been amended to correct the typographical errors.

On page 5 of the Action, the Examiner objects to claims 3, 13, and 16 for various informalities. Claims 3, 13 and 16 have been amended, thereby addressing the Examiner’s concerns.

On page 6 of the Action, the Examiner rejects claims 1, 3-13, and 18-25 under 35 U.S.C. §102(b) as being anticipated by Korean Patent No. 2002-0057585 to Song et al. (“Song”). Applicants respectfully traverse this rejection.

In order to support a rejection under 35 U.S.C. §102, the cited reference must teach each and every claimed element. In the present case, claims 1, 3-13, and 18-25 are not anticipated by Song because Song fails to disclose each and every claimed element as discussed below.

Independent claim 1 has been amended to include the allowable subject matter of dependent claim 2. Furthermore, independent claim 13 has been amended to include the allowable subject matter of claim 14. Accordingly, independent claims 1 and 13 are patentable over Song.

Claims 3-12 and 18-25 variously depend from independent claims 1 and 13. Therefore, claims 3-12 and 18-25 are patentable over Song for at least those reasons presented above with respect to claims 1 and 13. Accordingly, Applicants respectfully request reconsideration and withdrawal of the rejection of claims 1, 3-13 and 18-25 under 35 U.S.C. §102(b).

The application is in condition for allowance. Notice of same is earnestly solicited. Should Examiner find the application other than in condition for allowance, the Examiner is requested to call the undersigned attorney at (202) 496-7500 to discuss the steps necessary for placing the application in condition for allowance. All correspondence should continue to be sent to the below-listed address.

If these papers are not considered timely filed by the Patent and Trademark Office, then a petition is hereby made under 37 C.F.R. §1.136, and any additional fees required under 37 C.F.R. §1.136 for any necessary extension of time, or any other fees required to complete the filing of this response, may be charged to Deposit Account No. 50-0911. Please credit any overpayment to deposit Account No. 50-0911. A duplicate copy of this sheet is enclosed.

Dated: August 16, 2005

Respectfully submitted,

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AMENDMENTS TO THE DRAWINGS:

The attached sheets of drawings includes new figures 8-16. These sheets are in addition to the original sheets including Figs. 1-7. The subject matter of Figs. 8-16 is described in the specification as filed as well as the priority document which has been incorporated by reference. Accordingly, no new matter is presented in Figs. 8-16.

Attachments: Replacement Sheets